



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/567,581
Filing Date	February 08, 2006
First Named Inventor	Dan HASHIMSHONY
Art Unit	3739
Examiner Name	Not Yet Assigned
Attorney Docket Number	30479

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-2001/0051774	13-Dec-2001	Littrup et al.	
	2	US-2003/0045798	06-Mar-2003	Hular et al.	
	3	US-2003/0138378	24-Jul-2003	Hashimshony	
	4	US-2003/0163037	28-Aug-2003	Bladen et al.	
	5	US-2003/0187347	02-Oct-2003	Nevo et al.	
	6	US-2003/0187366	02-Oct-2003	Hashimshony	
	7	US-2003/0199753	23-Oct-2003	Hibner et al.	
	8	US-2005/0021019	27-Jan-2005	Hashimshony et al.	
	9	US-2005/0107717	19-May-2005	Yamamoto et al.	
	10	US-3,830,224	20-Aug-1974	Vanzetti et al.	
	11	US-4,291,708	29-Sep-1981	Frei et al.	
	12	US-4,344,440	17-Aug-1982	Aaby et al.	
	13	US-4,458,694	10-Jul-1984	Sollish et al.	
	14	US-4,537,203	27-Aug-1985	Machida	
	15	US-4,539,640	03-Sep-1985	Fry et al.	
	16	US-4,617,939	21-Oct-1986	Brown et al.	
	17	US-4,625,171	25-Nov-1986	Sekihara et al.	
	18	US-4,689,567	25-Aug-1987	Maudsley	
	19	US-4,751,464	14-Jun-1988	Bridges	
	20	US-5,115,137	19-May-1992	Andersson-Engels et al.	
	21	US-5,143,079	01-Sep-1992	Frei et al.	
	22	US-5,227,730	13-Jul-1993	King et al.	
	23	US-5,442,290	15-Aug-1995	Crooks	
	24	US-5,482,041	09-Jan-1996	Wilk et al.	
	25	US-5,558,092	24-Sep-1996	Unger et al.	
	26	US-5,572,132	05-Nov-1996	Pulyer et al.	
	27	US-5,704,355	06-Jan-1998	Bridges	
	28	US-5,727,569	17-Mar-1998	Benetti et al.	
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				First Named Inventor	Dan HASHIMSHONY
				Art Unit	3739
				Examiner Name	Not Yet Assigned
Sheet	2	Of	4	Attorney Docket Number	30479
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	29	US-5,735,278	07-Apr-1998	Hoult et al.	
	30	US-5,744,971	28-Apr-1998	Chan et al.	
	31	US-5,758,646	02-Jun-1998	Van Der Meulen et al.	
	32	US-5,807,257	15-Sep-1998	Bridges	
	33	US-5,810,742	22-Sep-1998	Pearlman	
	34	US-5,821,410	13-Oct-1998	Xiang et al.	
	35	US-5,829,437	03-Nov-1998	Bridges et al.	
	36	US-5,884,239	16-Mar-1999	Romanik Jr.	
	37	US-5,900,618	04-May-1999	Anlage et al.	
	38	US-5,927,284	27-Jul-1999	Borst et al.	
	39	US-6,004,263	21-Dec-1999	Nakaichi et al.	
	40	US-6,026,323	15-Feb-2000	Skladnev et al.	
	41	US-6,055,451	25-Apr-2000	Bambot et al.	
	42	US-6,055,452	25-Apr-2000	Pearlman	
	43	US-6,061,589	09-May-2000	Bridges et al.	
	44	US-6,090,041	18-Jul-2000	Clark et al.	
	45	US-6,109,270	29-Aug-2000	Mah et al.	
	46	US-6,135,968	24-Oct-2000	Brounstein	
	47	US-6,167,297	26-Dec-2000	Benaron	
	48	US-6,173,604	16-Jan-2001	Xiang et al.	
	49	US-6,233,479	15-May-2001	Haddad et al.	
	50	US-6,258,576	10-Jul-2001	Richards-Kortum et al.	
	51	US-6,280,704	28-Aug-2001	Schutt et al.	
	52	US-6,287,302	11-Sep-2001	Berube	
	53	US-6,308,097	23-Oct-2001	Pearlman	
	54	US-6,315,981	13-Jan-2001	Unger	
	55	US-6,370,426	09-Apr-2002	Campbell et al.	
	56	US-6,397,095	28-May-2002	Eyuboglu et al.	
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		Number-Kind Code ² (if known)				
	57	US-6,500,112	31-Dec-2002	Khoury		
	58	US-6,530,944	11-Mar-2003	West et al.		
	59	US-6,597,185	22-Jul-2003	Talanov et al.		
	60	US-6,677,755	13-Jan-2004	Belt et al.		
	61	US-6,695,782	24-Feb-2004	Ranucci et al.		
	62	US-6,728,565	27-Apr-2004	Wendlandt		
	63	US-6,741,077	25-May-2004	Yokoyama et al.		
	64	US-6,747,454	08-Jun-2004	Belt		
	65	US-6,766,185	20-Jul-2004	Scott		
	66	US-6,813,515	02-Nov-2004	Hashimshony		
	67	US-6,909,084	21-Jun-2005	Tachi et al.		
	68	US-6,962,587	08-Nov-2005	Johnson et al.		
	69	US-RE32000	08-Oct-1985	Sagi		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ : Number ⁴ : Kind Code ⁵ (if known)				
	70	PCT WO 01/65240	07-Sep-2001	Arnone et al.		
	71	PCT WO 03/060462	24-Jul-2003	Hashimshony		
	72	PCT WO 2005/009200	03-Feb-2005	Hashimshony et al.		
	73	PCT WO 2005/089065	29-Sep-2005	Hashimshony et al.		
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	74	Brown "A Survey of Image Registration Techniques", ACM Computing Surveys, 24(4): 325-376, 1992.			
	75	Burdette et al. "In Vivo Probe Measurement Technique for Determining Dielectric Properties at VFW Through Microwave Frequencies", IEEE Transactions on Microwave Theory & Techniques, MTT-28(4): 414-427, 1980.			
	76	Misra et al. "Noninvasive Electrical Characterization of Materials at Microwave Frequencies Using An Open-Ended Coaxial Line: Test of An Improved Calibration Technique", IEEE Transactions on Microwave Theory & Techniques, 38(1): 8-13, 1990.			
	77	Mosig et al. "Reflection of An Open-Ended Coaxial Line", IEEE Transactions on Instrumentation & Measurement, IM-30(1): 46-51, 1981.			
	78	Rajshekhhar "Continuous Impedance Monitoring During CT-Guided Stereotactic Surgery: Relative Value in Cystic and Solid Lesions", British Journal of Neurosurgery, 6: 439-444, 1992.			
	79	Schwan "Mechanism Responsible for Electrical Properties of Tissues and Cell Suspensions", Medical Process Through Technology, 19: 163-165, 1993.			
	80	Smith et al. "In Vivo Measurement of Tumor Conductiveness With the Magnetic Bioimpedance Method", IEEE Transactions on Biomedical Engineering, 47(10): 1403-1405, 2000.			
	81	Stuchly et al. "Measurement of Radio Frequency Permittivity of Biological Tissues With An Open-Ended Coaxial Line: Part II-Experimental Results", IEEE Transactions on Microwave Theory & Techniques, MTT-30(1): 87-91, 1982.			
	82	Surowiec et al. "Dielectric Properties of Breast Carcinoma and the Surrounding Tissues", IEEE Transactions on Biomedical Engineering, 35(4): 257-263, 1988.			
	83	Xu et al. "Measurement of Microwave Permittivity Using Open Ended Elliptical Coaxial Probes", IEEE Transactions on Microwave Theory & Techniques, 40(1): 143-150, 1992.			

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